

# **SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR INCREASING THROUGHPUT IN BI-DIRECTIONAL COMMUNICATIONS**

## **ABSTRACT OF THE DISCLOSURE**

A system, method, and computer program product are provided for bi-directional communication. The system includes a first host capable of transmitting multiplexed data at a first transmission rate and operating with a first congestion window. The first  
5 host is also capable of receiving multiplexed data at a second transmission rate from a second host capable of operating with a second congestion window. The first host can be capable of configuring at least one of a size of the first congestion window and a size of the second congestion window based upon first transmission rate, the size of the second congestion window, the second transmission rate and the size of the first congestion  
10 window.